

WHAT IS CLAIMED IS:

1. A damper comprising:

silicone-based unvulcanized rubber interposed between a pair of members disposed in such a manner as to be relatively movable with respect to each other.

2. A damper comprising:

silicone-based unvulcanized rubber interposed between a pair of members disposed in such a manner as to be relatively movable with respect to each other,

relative moving energy between said pair of members being absorbed through the deformation of said silicone-based unvulcanized rubber.

3. The damper according to claim 1 or 2, wherein said silicone-based unvulcanized rubber has a degree of plasticity of not less than 30 and not more than 420.

4. The damper according to claim 1 or 2, wherein said silicone-based unvulcanized rubber has a degree of plasticity of not less than 60 and not more than 320.

5. The damper according to claim 1 or 2, wherein said silicone-based unvulcanized rubber has a degree of plasticity of not less than 160 and not more than 320.

6. The damper according to any one of claims 1 to 5, wherein said pair of members are disposed in such a manner as to be relatively rotatable with respect to each other.

7. The damper according to any one of claims 1 to 6, wherein

at least one of said pair of members has an uneven surface in contact with said silicone-based unvulcanized rubber, and said uneven surface prevents the slippage of said silicone-based unvulcanized rubber in a vicinity of said uneven surface in the relative movement of said pair of members.

8. The damper according to any one of claims 1 to 7, wherein at least one of said pair of members has, on a surface thereof in contact with said silicon-based unvulcanized rubber, one of a projection and a groove extending in a direction intersecting a direction of the relative movement.

9. The damper according to claim 8, wherein said surface in contact with said silicone-based unvulcanized rubber includes a cylindrical surface, and one of said projection and said groove extends substantially parallel to a center line of said cylindrical surface.

10. The damper according to claim 8, wherein said surface in contact with said silicone-based unvulcanized rubber includes one of an annular surface and a disk-like surface, and one of said projection and said groove extends in a radial direction of said one of said annular surface and said disk-like surface.

11. The damper according to any one of claims 1 to 10, wherein said pair of members are disposed in such a manner as to be relatively linearly movable with respect to each other.

12. The damper according to any one of claims 1 to 10, wherein said damper is a damper for an automobile seat, and includes:

a housing serving as said one member and having an arm portion and a housing body integral to said arm portion; and

a gap forming member serving as said other member and accommodated rotatably in said housing body, said gap forming member forming a gap in cooperation with an inner surface of said housing body,

said the silicone-based unvulcanized rubber being disposed in the gap, said damper being adapted to transmit the rotation of said automobile seat to said housing by means of said arm portion, and said gap forming member being adapted to be fixed to a chassis on which said automobile seat is rotatably installed.

13. The damper according to any one of claims 1 to 10, wherein said damper is a damper for an automobile seat, and includes:

a housing serving as said one member and having an arm portion and a housing body integral to said arm portion; and

a gap forming member serving as said other member and accommodated rotatably in said housing body, said gap forming member forming a gap in cooperation with an inner surface of said housing body,

said silicone-based unvulcanized rubber being disposed in the gap, said housing being adapted to be fixed by means of said arm portion to a chassis on which said automobile seat is rotatably installed, and said damper being adapted to transmit the rotation of said automobile seat to said gap forming member.

14. The damper according to any one of claims 1 to 10, wherein said damper is a damper for an automobile seat, and includes:

a housing serving as said one member and having a collar portion and a housing body integral to said collar portion; and

a gap forming member serving as said other member and accommodated rotatably in said housing body, said gap forming member forming a gap in cooperation with an inner surface of said housing body,

said silicone-based unvulcanized rubber being disposed in the gap, said damper being adapted to transmit the rotation of said automobile seat to said housing by means of said collar portion, and said gap forming member being adapted to be fixed to a chassis on which said automobile seat is rotatably installed.

15. The damper according to any one of claims 1 to 10, wherein said damper is a damper for an automobile seat, and includes:

a housing serving as said one member and having a collar portion and a housing body integral to said collar portion; and

a gap forming member serving as said other member and accommodated rotatably in said housing body, said gap forming member forming a gap in cooperation with an inner surface of said housing body,

said silicone-based unvulcanized rubber being disposed in the gap, said housing being adapted to be fixed by means of said collar portion to a chassis on which said automobile seat

is rotatably installed, and said damper being adapted to transmit the rotation of said automobile seat to said gap forming member.

16. The damper according to any one of claims 12 to 15, wherein said housing body has a plurality of concentric arcuate projections, and said gap forming member has a plurality of concentric hollow cylindrical recessed portions in which said arcuate projections of said housing body are respectively disposed with the gap therebetween.

17. The damper according to any one of claims 12 to 16, wherein a slit extending radially and communicating with the gap is formed in said gap forming member.

18. An automobile seat comprising:

said damper for an automobile seat according to any one of claims 12 to 17; and

a seat provided rotatably on said automobile chassis, the rotation of said seat being transmitted to one of said housing and said gap forming member, and another one of said housing and said gap forming member being fixed to said chassis.

19. The automobile seat according to claim 18, wherein a backrest is rotatably provided on said seat.